

1/1 - (C) WPI / DERWENT
AN - 2001-294172 [31]
AP - JP19990197398 19990712
PR - JP19990197398 19990712
TI - Plant growth promoting agent as additive in fertilizers for accelerating germination and growth of plants, contains iron citrate double salt as principle component
IW - PLANT GROWTH PROMOTE AGENT ADDITIVE FERTILISER ACCELERATE GERMINATE GROWTH PLANT CONTAIN IRON CITRATE DOUBLE SALT PRINCIPLE COMPONENT
PA - (AKIY-N) AKIYAMA YG
PN - JP2001026505 A 20010130 DW200131 A01N37/04 004pp
IC - A01N37/04
AB - JP2001026505 NOVELTY - An agent for promoting plant growth contains an iron citrate double salt (ICDS) as principal component.
- DETAILED DESCRIPTION - An INDEPENDENT CLAIM is also included for the plant growth promotion which involves supplying the aqueous ICDS solution to the seeds, roots, stalks or leaves of a plant.
- ACTIVITY - Pesticide; antimicrobial; growth-stimulant.
- MECHANISM OF ACTION - None given.
- USE - For use as additive in fertilizers and also in pesticidal and microbicidal agents, for accelerating the germination and growth of plants.
- ADVANTAGE - The agent effectively accelerates the germination and growth of plants. The agent has particular effect on the growth of roots and rhizomes and has excellent stability. The iron in the agent increases chlorophyll formation, assists in oxidative reduction process, while the citric acid accelerates germination and growth of plants.
- (Dwg.0/0)

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